

APR 19 2000

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## RAW SEQUENCE LISTING

PATENT APPLICATION US/08/832,443

DATE: 03/30/2000

TIME: 15:41:47

INPUT SET: S35185.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

ENTERED

## (1) General Information:

(i) APPLICANT: TSYRLOVA, IRENA  
WOLPE, STEPHEN D.

(ii) TITLE OF INVENTION: INHIBITOR OF STEM CELL PROLIFERATION AND  
USES THEREOF

(iii) NUMBER OF SEQUENCES: 37

## (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: NIXON & VANDERHYE P.C.  
(B) STREET: 1100 NORTH GLEBE ROAD  
(C) CITY: ARLINGTON  
(D) STATE: VIRGINIA  
(E) COUNTRY: U.S.A.  
(F) ZIP: 22201-4714

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/832,443  
(B) FILING DATE: 03-APR-1997  
(C) CLASSIFICATION:

## (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: BYRNE, THOMAS E.  
(B) REGISTRATION NUMBER: 32,205  
(C) REFERENCE/DOCKET NUMBER: 1331-222

## (ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (703) 816-4000  
(B) TELEFAX: (703) 816-4100

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47 (C) STRANDEDNESS:  
48 (D) TOPOLOGY: linear  
49  
50 (ii) MOLECULE TYPE: peptide  
51  
52  
53  
54  
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
56  
57 Phe Pro His Phe Asp Leu Ser His Gly Ser Ala Gln Val  
58 1 5 10  
59  
60 (2) INFORMATION FOR SEQ ID NO:2:  
61  
62 (i) SEQUENCE CHARACTERISTICS:  
63 (A) LENGTH: 15 amino acids  
64 (B) TYPE: amino acid  
65 (C) STRANDEDNESS:  
66 (D) TOPOLOGY: linear  
67  
68 (ii) MOLECULE TYPE: peptide  
69  
70  
71  
72  
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
74  
75 Cys Phe Pro His Phe Asp Leu Ser His Gly Ser Ala Gln Val Cys  
76 1 5 10 15  
77  
78 (2) INFORMATION FOR SEQ ID NO:3:  
79  
80 (i) SEQUENCE CHARACTERISTICS:  
81 (A) LENGTH: 19 amino acids  
82 (B) TYPE: amino acid  
83 (C) STRANDEDNESS:  
84 (D) TOPOLOGY: linear  
85  
86 (ii) MOLECULE TYPE: peptide  
87  
88  
89  
90  
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
92  
93 Asp Ala Leu Thr Asn Ala Val Ala His Val Asp Asp Met Pro Asn Ala  
94

END OF RAW SEQUENCE LISTING

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100  
101 (i) SEQUENCE CHARACTERISTICS:  
102 (A) LENGTH: 10 amino acids  
103 (B) TYPE: amino acid  
104 (C) STRANDEDNESS:  
105 (D) TOPOLOGY: linear  
106  
107 (ii) MOLECULE TYPE: peptide  
108  
109  
110  
111  
112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
113  
114 Leu Val Val Tyr Pro Trp Thr Gln Arg Phe  
115 1 5 10  
116  
117 (2) INFORMATION FOR SEQ ID NO:5:  
118  
119 (i) SEQUENCE CHARACTERISTICS:  
120 (A) LENGTH: 9 amino acids  
121 (B) TYPE: amino acid  
122 (C) STRANDEDNESS:  
123 (D) TOPOLOGY: linear  
124  
125 (ii) MOLECULE TYPE: peptide  
126  
127  
128  
129  
130 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
131  
132 Leu Val Val Tyr Pro Trp Thr Gln Arg  
133 1 5  
134  
135 (2) INFORMATION FOR SEQ ID NO:6:  
136  
137 (i) SEQUENCE CHARACTERISTICS:  
138 (A) LENGTH: 8 amino acids  
139 (B) TYPE: amino acid  
140 (C) STRANDEDNESS:  
141 (D) TOPOLOGY: linear  
142  
143 (ii) MOLECULE TYPE: peptide  
144  
145  
146  
147

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153 (2) INFORMATION FOR SEQ ID NO:7:  
154  
155 (i) SEQUENCE CHARACTERISTICS:  
156 (A) LENGTH: 7 amino acids  
157 (B) TYPE: amino acid  
158 (C) STRANDEDNESS:  
159 (D) TOPOLOGY: linear  
160  
161 (ii) MOLECULE TYPE: peptide  
162  
163  
164  
165  
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
167  
168 Leu Val Val Tyr Pro Trp Thr  
169 1 5  
170  
171 (2) INFORMATION FOR SEQ ID NO:8:  
172  
173 (i) SEQUENCE CHARACTERISTICS:  
174 (A) LENGTH: 6 amino acids  
175 (B) TYPE: amino acid  
176 (C) STRANDEDNESS:  
177 (D) TOPOLOGY: linear  
178  
179 (ii) MOLECULE TYPE: peptide  
180  
181  
182  
183  
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
185  
186 Leu Val Val Tyr Pro Trp  
187 1 5  
188  
189 (2) INFORMATION FOR SEQ ID NO:9:  
190  
191 (i) SEQUENCE CHARACTERISTICS:  
192 (A) LENGTH: 5 amino acids  
193 (B) TYPE: amino acid  
194 (C) STRANDEDNESS:  
195 (D) TOPOLOGY: linear  
196  
197 (ii) MOLECULE TYPE: peptide  
198  
199  
200

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206  
207 (2) INFORMATION FOR SEQ ID NO:10:  
208  
209 (i) SEQUENCE CHARACTERISTICS:  
210 (A) LENGTH: 7 amino acids  
211 (B) TYPE: amino acid  
212 (C) STRANDEDNESS:  
213 (D) TOPOLOGY: linear  
214  
215 (ii) MOLECULE TYPE: peptide  
216  
217  
218  
219  
220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
221  
222 Val Val Tyr Pro Trp Thr Gln  
223 1 5  
224  
225 (2) INFORMATION FOR SEQ ID NO:11:  
226  
227 (i) SEQUENCE CHARACTERISTICS:  
228 (A) LENGTH: 7 amino acids  
229 (B) TYPE: amino acid  
230 (C) STRANDEDNESS:  
231 (D) TOPOLOGY: linear  
232  
233 (ii) MOLECULE TYPE: peptide  
234  
235  
236  
237  
238 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
239  
240 Tyr Pro Trp Thr Gln Arg Phe  
241 1 5  
242  
243 (2) INFORMATION FOR SEQ ID NO:12:  
244  
245 (i) SEQUENCE CHARACTERISTICS:  
246 (A) LENGTH: 6 amino acids  
247 (B) TYPE: amino acid  
248 (C) STRANDEDNESS:  
249 (D) TOPOLOGY: linear  
250  
251 (ii) MOLECULE TYPE: peptide  
252

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**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION *US/08/832,443B*

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Line

Error

Original Text